November 19, 1979

Bob,

Enclosed is $10 for my 1980 subscription to
ARCADIAN. Also I would like to answer
your questions about the programable Keyboard
on page 55 (better late than never).
     1) no   2) yes   3) yes

The following are suggestions which may be of
interest to ARCADIAN readers.

When you wish to dump a selected portion of a
program onto tape, such as when you have
a program in which you want to use its
subroutines in one in which you are writing
or when you are separating a program you
just resequenced, you can tape just the
part you want by typing in the following:

: PRINT ; LIST F, N ; : RETURN

where F = line number of the first line to be dumped
      N = the number of lines to be dumped

To eliminate the renumbered resequence program
from a resequenced program use the following:

: PRINT ; LIST F, L ÷ S ; : RETURN

F = Same as above
L = line number of last line to be dumped
S = spacing of lines

On programs that are used often or very
important, it is a good idea to have
more than one copy. An easy way to
do this is as follows:

```
:PRINT ; FOR X=1 TO N ; FOR T=1 TO 2000 ; NEXT T ;
LIST ; PRINT ": RETURN" ; NEXT X ; :RETURN
```

X = LOOP = Number of copies desired
T = LOOP = Delay at beginning and between programs,
           make 2,000 larger for longer space or
           smaller for shorter space between programs

Also I have found that programs recorded at
NT=1 will not load properly after awhile. Wheather
this is due to speed variations or tape streach
I'm not sure but I do know that it's almost
more trouble to fix a program that loaded
improperly than it would have been to have
loaded it manually. So it would not only
be ~~the~~ a good idea to have more than one
copy of a program, but also have one at
NT=1 and the other at NT=3 so that
you will have a program that will load fast
but also have one at the slower speed if
problems develope. Program as follows:

```
:PRINT ; NT=1 ; FOR X=1 TO 2 ; FOR T=1 TO 2000 ;
NEXT T ; LIST ; PRINT ": RETURN" ; NT=3 ; NEXT X ; :RETURN
```

I hope you find this information useful.

Sincerely,

Jam Unroe